

South Carolina Department of Health and Environmental Control
Office of Ocean and Coastal Resource Management
1362 McMillan Avenue, Suite 400
Charleston, South Carolina 29405

October 18, 2013
Permit Application Public Notice
Copahee Sound Company, LLC, OCRM-13-264-B

The Department has received an application for a permit for the alteration of a critical area. The application was submitted pursuant to the Coastal Zone Management Act (Act 123) of 1977 South Carolina General Assembly. The application in brief, is described as follows:

LOCATION: On and adjacent to Copahee Sound at 0 Highway 17 North between Chandler Road and Guerins Bridge Road, Awendaw, Charleston County, South Carolina. TMS: 625-00-00-022.

WORK: The work as proposed consists of seeking after-the-fact authorization for structures built without permits and constructing new erosion control structures, maintenance and repair on the dike and constructing a pedestrian bridge. Specifically, the applicant seeks authorization for the constructed a 3' x 29' pedestrian bridge over an intertidal ditch (bridge #1) and approximately 90' of riprap that was placed intermittently along the intertidal ditch and at a breach in the pond dike. The applicant then seeks to perform dike maintenance; that repair will consist of backfilling to re-establish original dimensions of the dike that has eroded around an existing culvert, extending the existing 30" culvert, backfilling and grading to re-establish dike width and slope and the placement of 25' of riprap on each side of the dike. Additional erosion control measures will consist of necessary grading, placement of filter fabric and 442' of riprap along the intertidal ditch and dike breach. The proposed pedestrian bridge #2 will be 5' x 37' across the breach in the pond dike and will have a bottom elevation of 7.7'. The work as described is for after-the fact authorization for existing structures, new erosion control structures and a pedestrian bridge for the property owners use.

PLEASE NOTE: The Army Corps of Engineers has approved these activities with their Nationwide Permits #3 & #13.

This public notice is being distributed to all known interested persons and agencies to assist in developing facts on which a decision by the Department can be based. Comments concerning the proposed work must be submitted in writing, setting forth sufficient detail to furnish a clear understanding of the reasons for support or opposition.

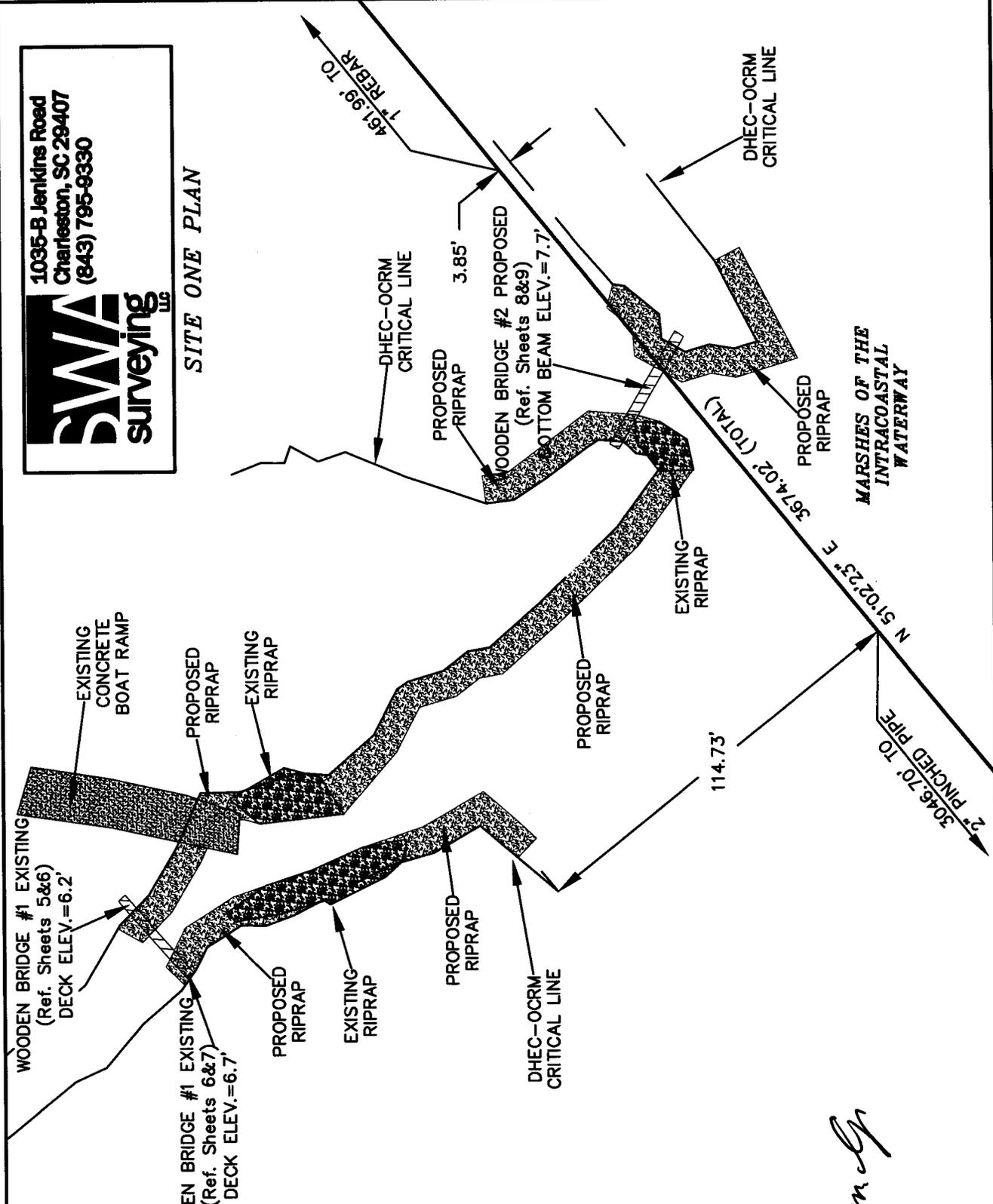
Comments regarding this application must be received by the Department on or before **November 17, 2013**. For more information, please contact:
Steve Brooks at **843-953-0235** or via email at **brookss@dhec.sc.gov**.

NOTE: Plans depicting the proposed work are available and will be provided upon receipt of a written request or may be viewed on the Department website at **www.scdhec.gov/environment/ocrm/public_notice.htm**.

1035-B Jenkins Road
 Charleston, SC 29407
 (843) 795-9330



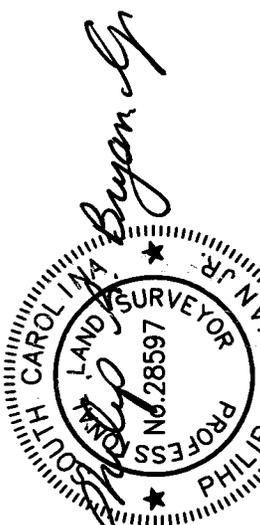
SITE ONE PLAN



RIPRAP:

SITE	LF	CY
SITE ONE*	442	255
SITE TWO	50	30
TOTAL	492	285

*SITE ONE TOTAL INCLUDES
 90 LF OF EXISTING RIPRAP



OCM-13-264-B

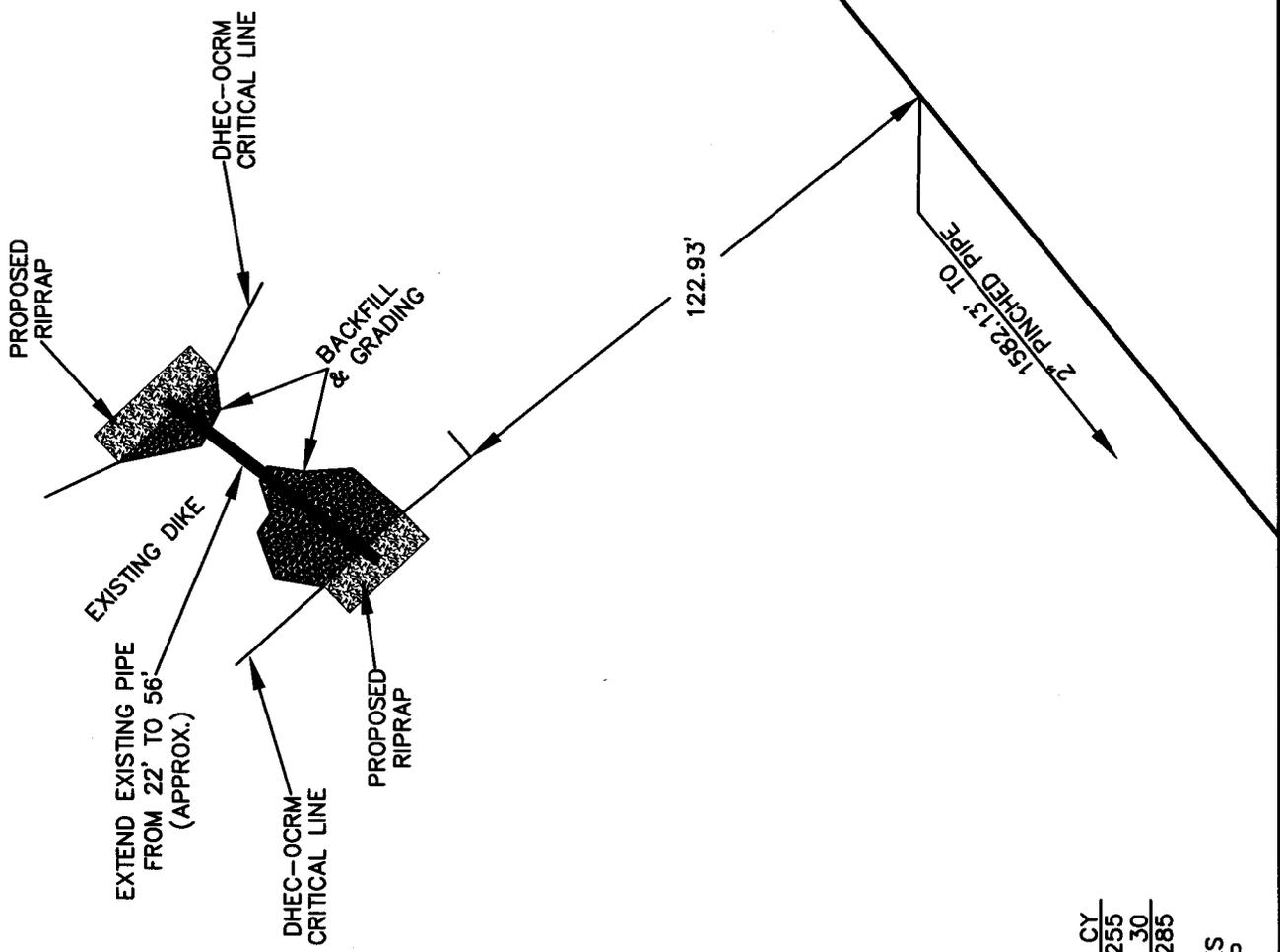
APPLICANT: COPAHEE SOUND COMPANY, LLC	DATE: 9/3/13
ACTIVITY: EROSION CONTROL & PEDESTRIAN BRIDGES	SCALE (1"=40')
COUNTY: CHARLESTON	DRAWN: PRB
ADJACENT WATER BODY: COPAHEE SOUND	DWG: 13098.DWG
TAX MAP NO.: 625-00-00-022	SHEET: 4 OF 11

1035-B Jenkins Road
 Charleston, SC 29407
 (843) 795-9330



SWA
 surveying
 LLC

SITE TWO PLAN

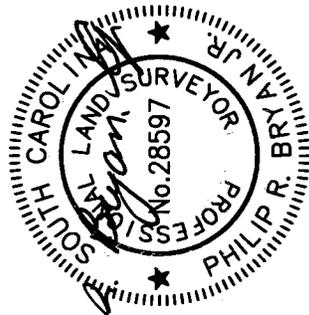


RIPRAP:

SITE	LF	CY
SITE ONE*	442	255
SITE TWO	50	30
TOTAL	492	285

*SITE ONE TOTAL INCLUDES
 90 LF OF EXISTING RIPRAP

MARSHES OF THE
 INTRACOASTAL
 WATERWAY



Philip R. Bryan

OCRM-13-264-B

APPLICANT: COPAHEE SOUND COMPANY, LLC	DATE: 9/3/13
ACTIVITY: EROSION CONTROL & PEDESTRIAN BRIDGES	SCALE: (1"=40')
COUNTY: CHARLESTON	DRAWN: PRB
ADJACENT WATER BODY: COPAHEE SOUND	DWG: 13098.DWG
TAX MAP NO.: 625-00-00-022	SHEET: 5 OF 11

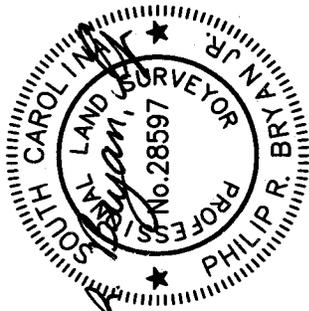


1035-B Jenkins Road
Charleston, SC 29407
(843) 795-9390

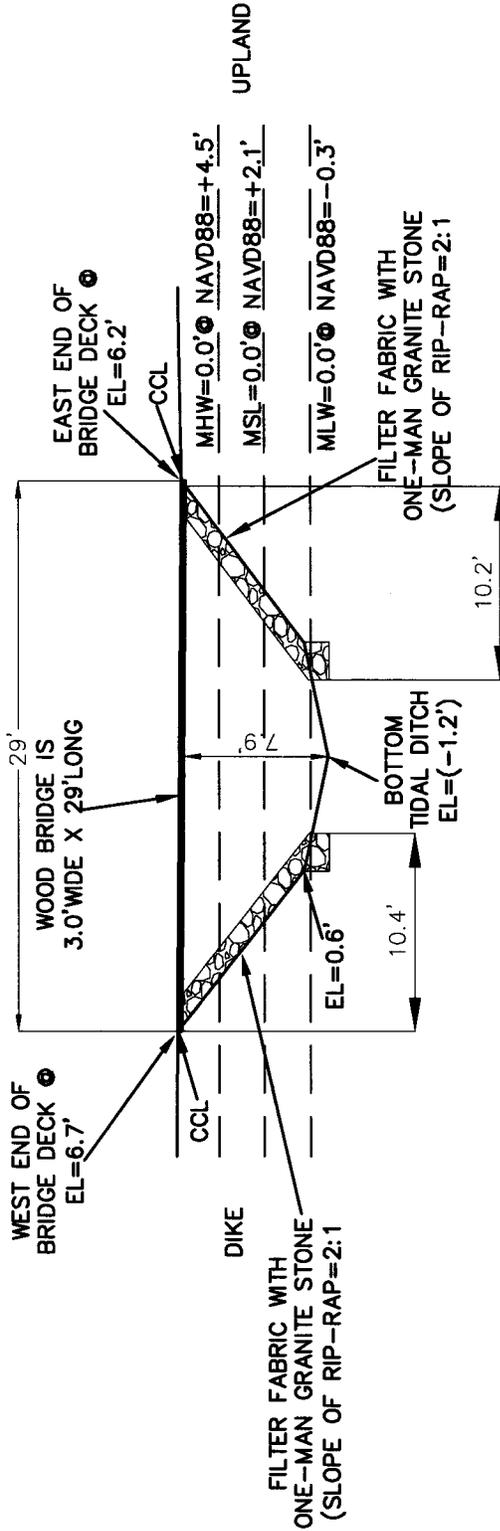
EXISTING BRIDGE ONE

NOTE:

- (1) MEAN LOW WATER, MEAN HIGH WATER, AND MEAN SEA LEVEL CALCULATIONS ARE BASED ON PID: CJ0703, STATION ID: 8664941, CAPERS.
- (2) ELEVATIONS SHOWN ARE BASED ON NAVD 1988.



Philip R. Bryan



SECTION VIEW OF BRIDGE 1
(LOOKING NORTHWEST)

OCEM-13-264-B

APPLICANT: COPAHEE SOUND COMPANY, LLC	DATE: 9/3/13
ACTIVITY: EROSION CONTROL & PEDESTRIAN BRIDGES	SCALE (1"=10')
COUNTY: CHARLESTON	DRAWN: PRB
ADJACENT WATER BODY: COPAHEE SOUND	DWG: 13098.DWG
TAX MAP NO.: 625-00-00-022	SHEET: 6 OF 11

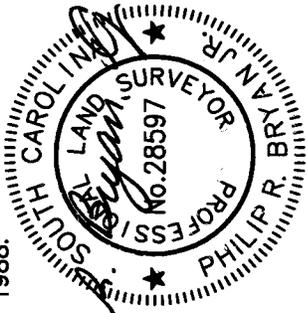
1035-B Jenkins Road
Charleston, SC 29407
(843) 795-9330



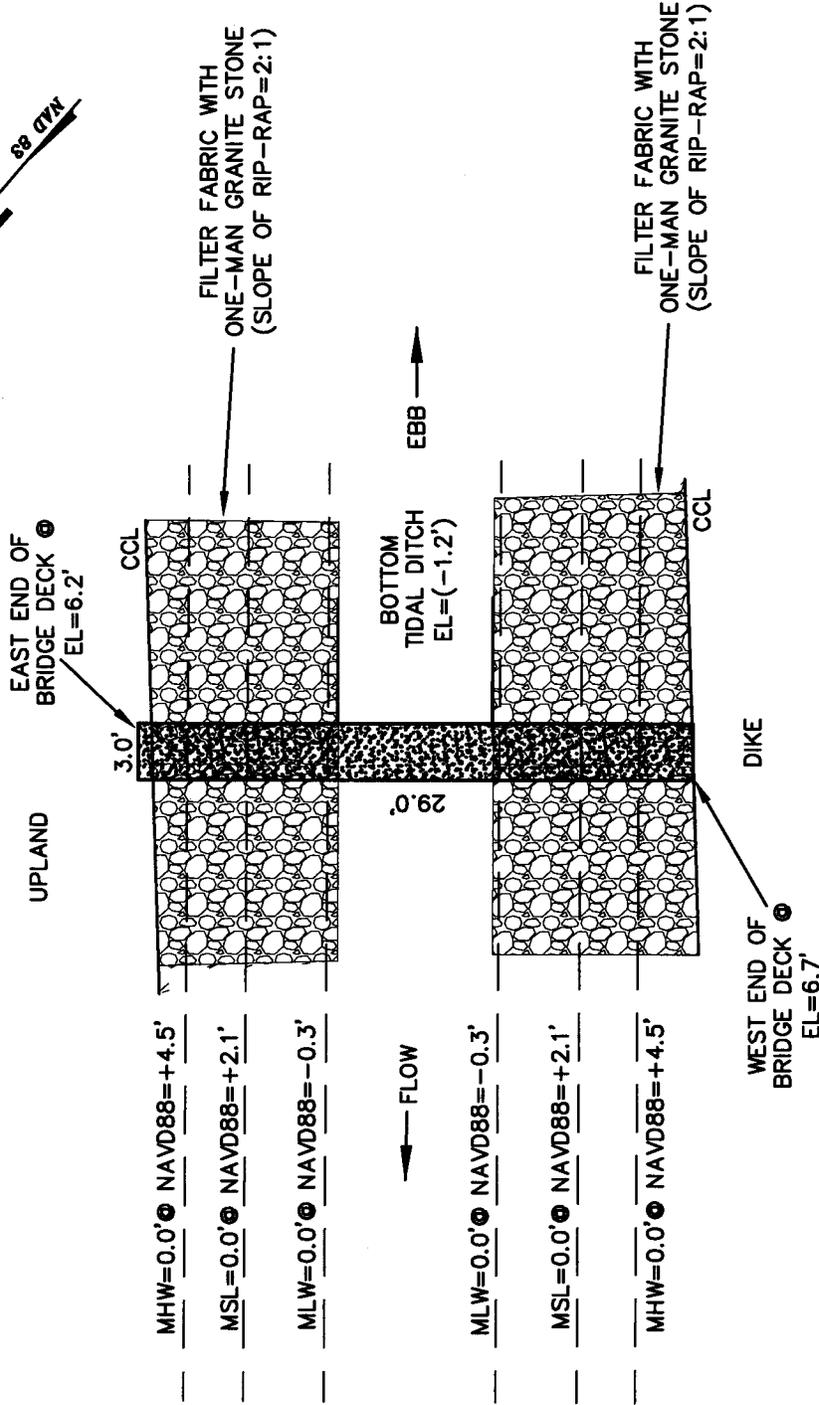
EXISTING BRIDGE ONE

NOTE:

- (1) MEAN LOW WATER, MEAN HIGH WATER, AND MEAN SEA LEVEL CALCULATIONS ARE BASED ON PID: C40703, STATION ID: 8664941, CAPERS.
- (2) ELEVATIONS SHOWN ARE BASED ON NAVD 1988.



Philip R. Bryan



PLAN VIEW OF BRIDGE 1

APPLICANT: COPAHEE SOUND COMPANY, LLC	DATE: 9/3/13
ACTIVITY: EROSION CONTROL & PEDESTRIAN BRIDGES	SCALE (1"=10')
COUNTY: CHARLESTON	DRAWN: PRB
ADJACENT WATER BODY: COPAHEE SOUND	DWG: 13098.DWG
TAX MAP NO.: 625-00-00-022	SHEET: 7 OF 11

OC2M-13-264-B

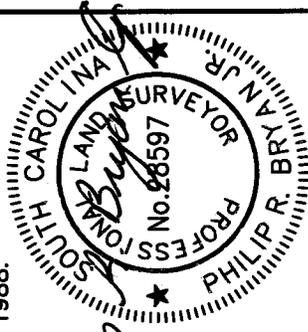
1035-B Jenkins Road
 Charleston, SC 29407
 (843) 795-9330



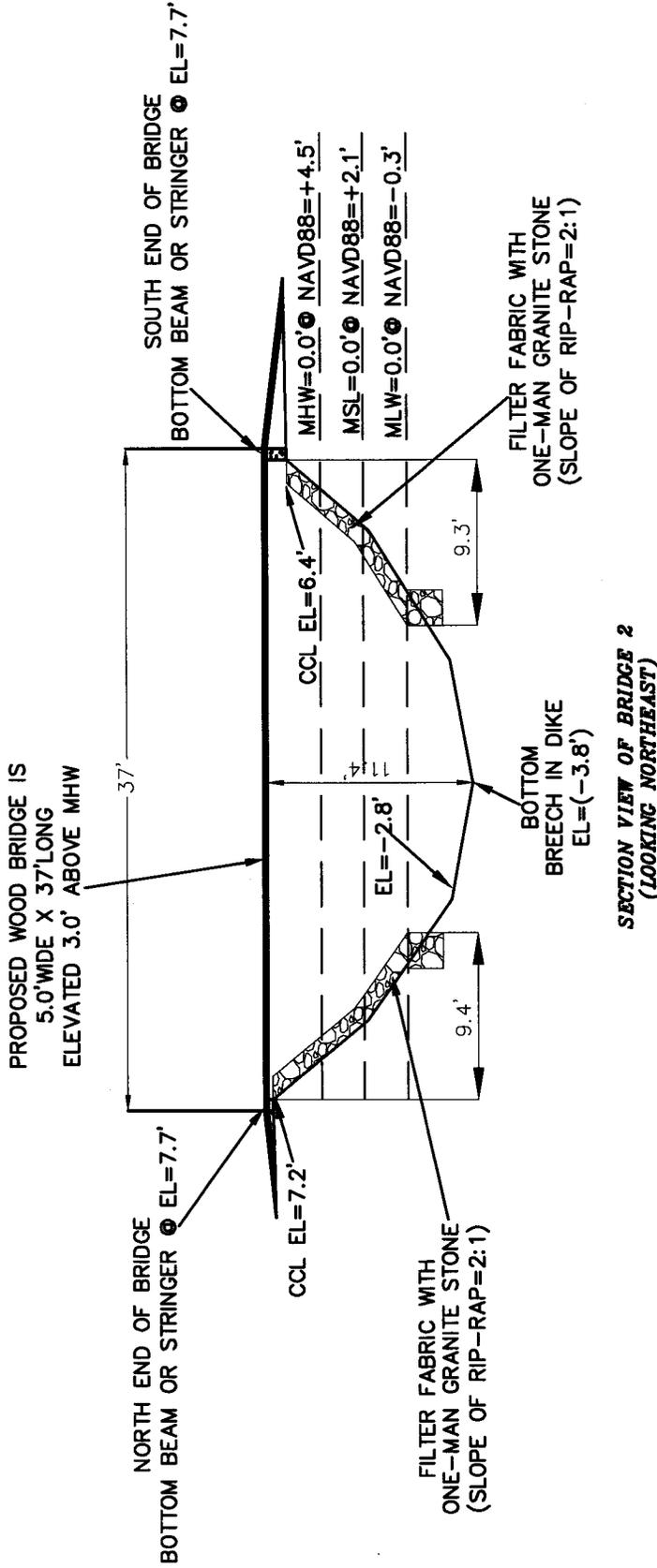
PROPOSED BRIDGE TWO

NOTE:

- (1) MEAN LOW WATER, MEAN HIGH WATER, AND MEAN SEA LEVEL CALCULATIONS ARE BASED ON PID: C0703, STATION ID: 8664941, CAPERS.
- (2) ELEVATIONS SHOWN ARE BASED ON NAVD 1988.



Philip R. Bryan Jr.



SECTION VIEW OF BRIDGE 2
 (LOOKING NORTHEAST)

OC2M-13-264-B

APPLICANT: COPAHEE SOUND COMPANY, LLC	DATE: 9/3/13
ACTIVITY: EROSION CONTROL & PEDESTRIAN BRIDGES	SCALE (1"=10')
COUNTY: CHARLESTON	DRAWN: PRB
ADJACENT WATER BODY: COPAHEE SOUND	DWG: 13098.DWG
TAX MAP NO.: 625-00-00-022	SHEET: 8 OF 11

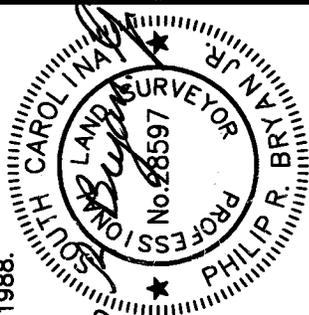
1035-B Jenkins Road
 Charleston, SC 29407
 (843) 795-9330



PROPOSED BRIDGE TWO

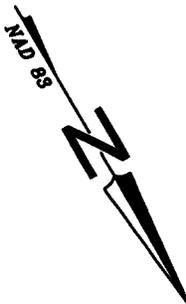
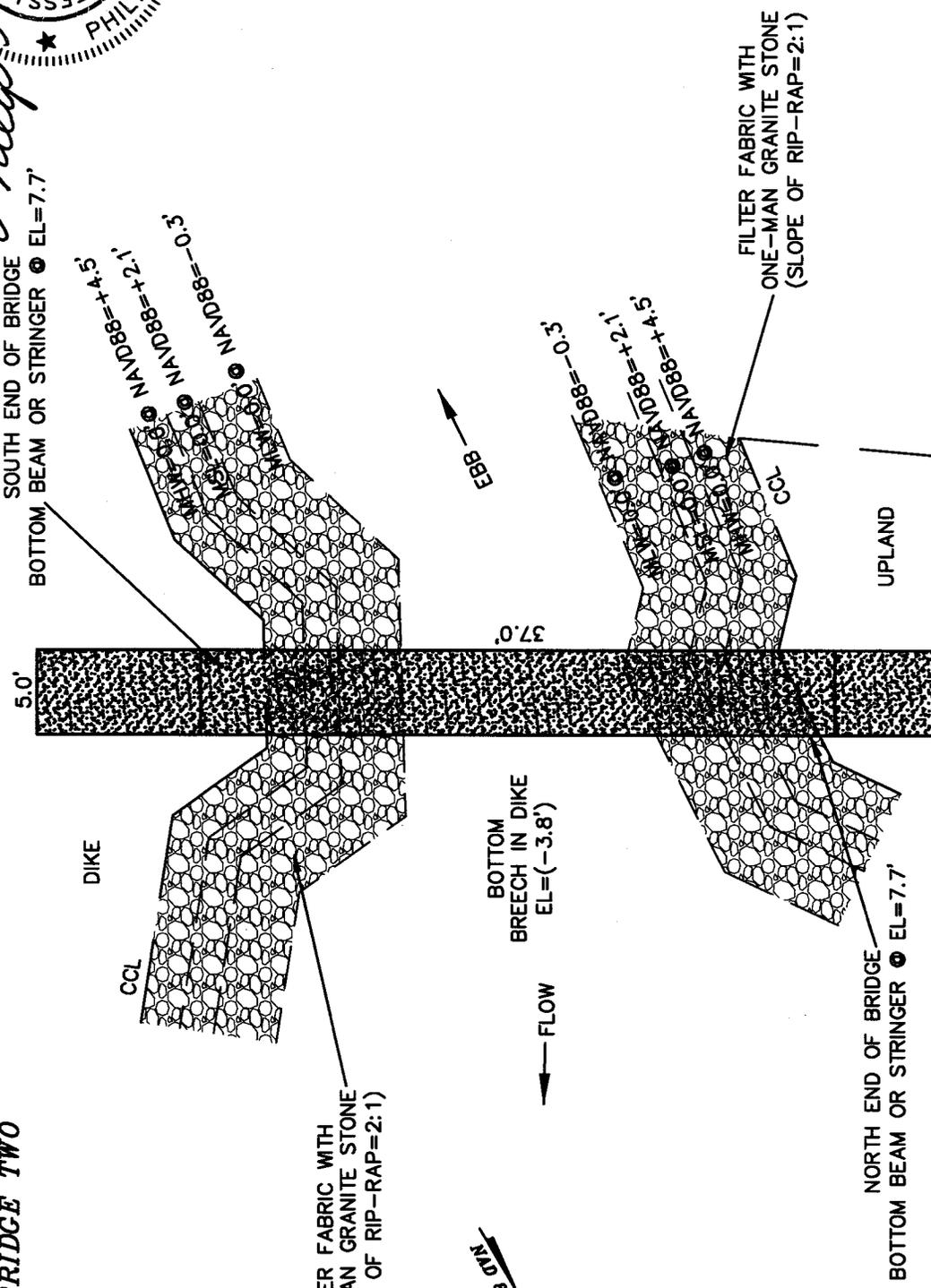
NOTE:

- (1) MEAN LOW WATER, MEAN HIGH WATER, AND MEAN SEA LEVEL CALCULATIONS ARE BASED ON PID: CJ0703, STATION ID: 8664941, CAPERS.
- (2) ELEVATIONS SHOWN ARE BASED ON NAVD 1988.



Philip R. Bryan, Jr.
 PROFESSIONAL SURVEYOR
 No. 28597
 SOUTH CAROLINA

PLAN VIEW OF BRIDGE 2



APPLICANT: COPAHEE SOUND COMPANY, LLC	DATE: 9/3/13
ACTIVITY: EROSION CONTROL & PEDESTRIAN BRIDGES	SCALE: (1"=10')
COUNTY: CHARLESTON	DRAWN: PRB
ADJACENT WATER BODY: COPAHEE SOUND	DWG: 13098.DWG
TAX MAP NO.: 625-00-00-022	SHEET: 9 OF 11

OCPM-13-264-B

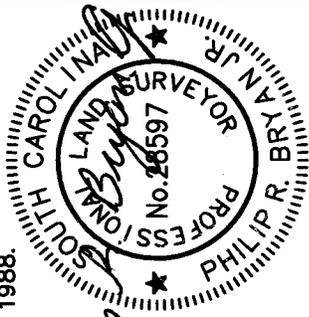
BWA
surveying LLC

1035-B Jenkins Road
 Charleston, SC 29407
 (843) 795-9330

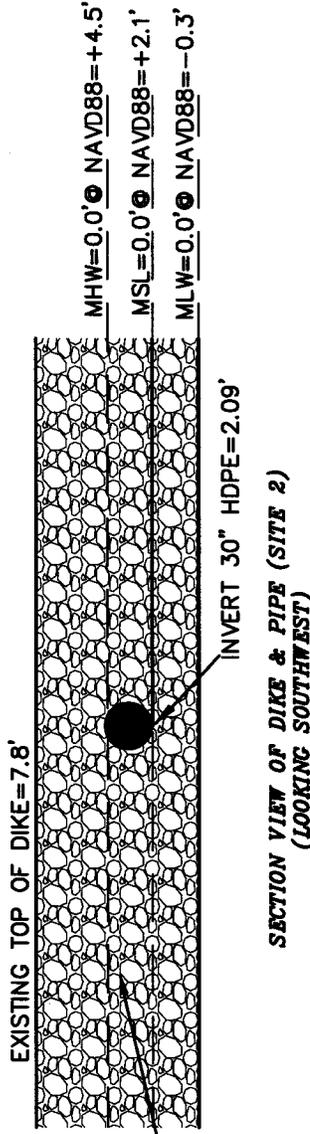
EXISTING DIKE & PIPE

NOTE:

- (1) MEAN LOW WATER, MEAN HIGH WATER, AND MEAN SEA LEVEL CALCULATIONS ARE BASED ON PID: CJ0703, STATION ID: 8664941, CAPERS.
- (2) ELEVATIONS SHOWN ARE BASED ON NAVD 1988.



Philip R. Bryan



APPLICANT: COPAHEE SOUND COMPANY, LLC	DATE: 9/3/13
ACTIVITY: EROSION CONTROL & PEDESTRIAN BRIDGES	SCALE (1"=10')
COUNTY: CHARLESTON	DRAWN: PRB
ADJACENT WATER BODY: COPAHEE SOUND	DWG: 13098.DWG
TAX MAP NO.: 625-00-00-022	SHEET: 10 OF 11

OCPM-13-264-B

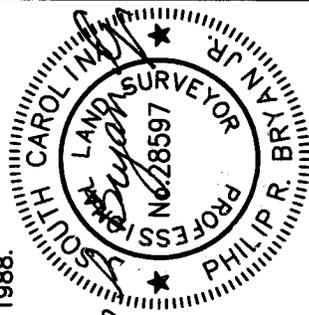
1035-B Jenkins Road
Charleston, SC 29407
(843) 795-9330



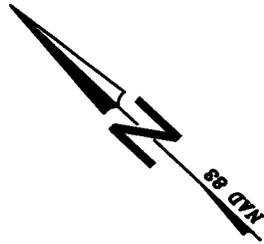
EXISTING DIKE & PIPE

NOTE:

- (1) MEAN LOW WATER, MEAN HIGH WATER, AND MEAN SEA LEVEL CALCULATIONS ARE BASED ON PID: CJ0703, STATION ID: 8664941, CAPERS.
- (2) ELEVATIONS SHOWN ARE BASED ON NAVD 1988.



Philip R. Bryan



DHEC-OCRM
CRITICAL LINE

EXISTING DIKE

EXISTING 30" HDPE EXTENDED
FROM 22' TO APPROX. 56'

BACKFILL
& GRADING

PLAN VIEW OF PIPE & DIKE (SITE 2)

FILTER FABRIC WITH
ONE-MAN GRANITE STONE
(SLOPE OF RIP-RAP=2:1)

FILTER FABRIC WITH
ONE-MAN GRANITE STONE
(SLOPE OF RIP-RAP=2:1)

DHEC-OCRM
CRITICAL LINE

APPLICANT: COPAHEE SOUND COMPANY, LLC, OCPM-13-264-B

ACTIVITY: EROSION CONTROL & PEDESTRIAN BRIDGES

COUNTY: CHARLESTON

ADJACENT WATER BODY: COPAHEE SOUND

TAX MAP NO.: 625-00-00-022

DATE: 9/3/13

SCALE (1"=10')

DRAWN: PRB

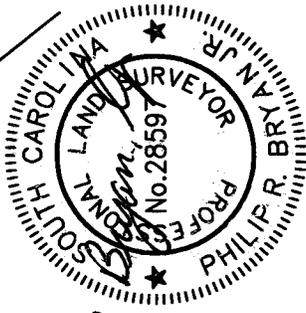
DWG: 13098.DWG

SHEET: 11 OF 11

1035-B Jenkins Road
Charleston, SC 29407
(843) 795-9330



KEY MAP



Philip R. Bryan

TMS#: 630-00-00-001
SUSAN LYMAN DREW TRUST

TMS#: 625-00-00-045
BISHOP OF CHARLESTON

TMS#: 625-00-00-038
LOWCOUNTRY NURSERY
COMPANY, INC.

TMS#: 625-00-00-074
SOUTH CAROLINA CENTER
FOR BIRDS OF PREY

TMS#: 625-00-00-044
NANCY RENKEN CEHLKEN

TMS#: 625-00-00-022
COPAHEE SOUND COMPANY, LLC

SITE 1: LOCATION OF
BRIDGE 1 & 2
(Ref. Sheet 4)

TMS#: 630-00-00-002
SUSAN LYMAN DREW TRUST

RICE FIELDS @ BULLS BAY
SUBDIVISION

SITE 2: LOCATION OF DIKE
(Ref. Sheet 5)

TMS#: 625-00-00-028
COPAHEE SOUND COMPANY, LLC

TMS#: 632-00-00-071
EQUUSLINKS LLC

OCBM-13-264-B

APPLICANT: COPAHEE SOUND COMPANY, LLC

ACTIVITY: EROSION CONTROL & PEDESTRIAN BRIDGES

COUNTY: CHARLESTON

ADJACENT WATER BODY: COPAHEE SOUND

TAX MAP NO.: 625-00-00-022

DATE: 9/3/13

NOT TO SCALE

DRAWN: PRB

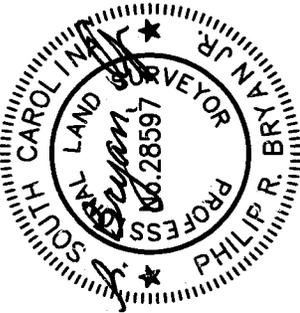
DWG: 13098.DWG

SHEET: 3 OF 11

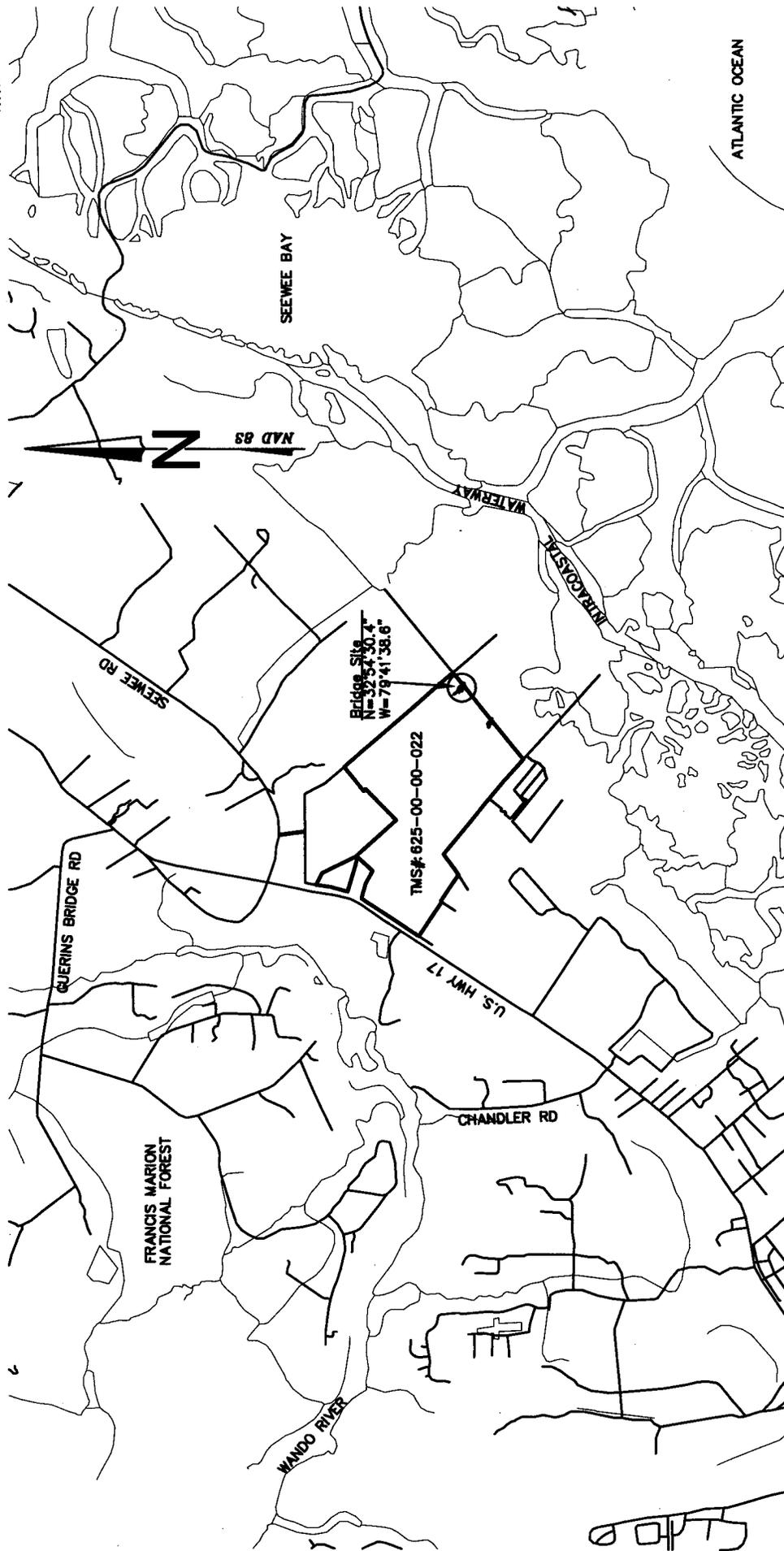
1035-B Jenkins Road
Charleston, SC 29407
(843) 795-9330



AREA MAP



Philip



APPLICANT: COPAHEE SOUND COMPANY, LLC

DCRM-13-264-B

DATE: 9/3/13

ACTIVITY: EROSION CONTROL & PEDESTRIAN BRIDGES

NOT TO SCALE

COUNTY: CHARLESTON

DRAWN: PRB

ADJACENT WATER BODY: COPAHEE SOUND

DWG: 13098.DWG

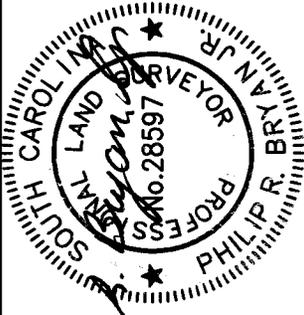
TAX MAP NO.: 625-00-00-022

SHEET: 1 OF 11

1035-B Jenkins Road
Charleston, SC 29407
(843) 795-9330



USGS QUAD MAP



Philip R. Bryan Jr.



APPLICANT: COPAHEE SOUND COMPANY, LLC

DCRM-13-264-B

DATE: 9/3/13

ACTIVITY: EROSION CONTROL & PEDESTRIAN BRIDGES

NOT TO SCALE

COUNTY: CHARLESTON

DRAWN: PRB

ADJACENT WATER BODY: COPAHEE SOUND

DWG: 13098.DWG

TAX MAP NO.: 625-00-00-022

SHEET: 2 OF 11

